For an old concrete slab, use a **penetrating silane-siloxane sealer** (like Foundation Armor SX5000 WB) if you want invisible protection against water and salt without changing the natural look. If the old concrete is dusty or soft, apply a **liquid concrete densifier** first to harden the surface. YouTube · CoverTec Prod… +2

Choosing the Right Sealer Type

- **Penetrating Silane-Siloxane:** Best for outdoor slabs, driveways, and patios. It soaks deep into the pores, repels water and salt, and will not peel or flake off. YouTube · Deco-Crete TV +1
- **Concrete Densifier (Silicate-based):** Best for old, crumbling, or dusting concrete. It reacts chemically to harden the weak cement matrix from within before you apply a water-repellent top coat. YouTube · CoverTec Products
- **Acrylic Film-Forming:** Best if you want a glossy or "wet look" finish. Note that topical acrylics sit on top of the concrete and will eventually wear down or peel in high-traffic areas, requiring re-application every few years. YouTube · Odell Complet… +2

Steps to Apply Sealer on Old Concrete

- **Clean Thoroughly:** Pressure wash the slab to remove dirt, oil, and loose debris. Let it dry completely for 24 hours.
- **Repair Cracks:** Fill any cracks or holes with a concrete patch and let it cure fully.
- **Test Porosity:** Drop a little water on the slab. If it soaks in quickly, the concrete is ready for a penetrating sealer. If water beads up, an old layer of sealer might still be present and must be stripped off.
- **Apply Sealer:** Use a low-pressure pump sprayer or a roller to apply an even coat following the product instructions. YouTube · Odell Complet… +3